

AMENDMENTS TO THE CLAIMS:

10/501079  
DT04 Rec'd PCT/PTO 09 JUL 2004

This listing of claims will replace all prior versions,  
and listings, of claims in the application:

LISTING OF CLAIMS:

1. (previously presented) Chamber for the crystallization of solid catalyst carrier, characterized in that the chamber is provided with an acoustic generator (9) generating a sound with the intensity of at least 100 dB for loosening the carrier from the walls of the chamber.

2. (previously presented) Chamber according to claim 1, wherein the chamber comprises a top wall and the acoustic generator (9) is mounted in the top wall.

3. (previously presented) Method for the preparation of solid catalyst carrier, in which method the carrier is formed in a chamber, characterized in that the inside of the chamber is subjected to a sound, the intensity of which is at least 100 dB, generated by an acoustic generator (9) for loosening the carrier from the walls of the chamber.

4. (previously presented) Method according to claim 3, wherein the intensity of the sound is at least 120 dB, and preferably at least 130 dB.

5. (currently amended) Method according to claim 3 ~~for 4~~, wherein the frequency of the sound is over 5 Hz and below 20000 Hz, suitably below 10000 Hz, preferably 20 to 5000 Hz, more preferably 100 to 1000 Hz, and most preferably 400 to 600 Hz.

6. (currently amended) Method according to claim 3 ~~any of claims 3 to 5~~, wherein the duration of the sound is 1 to 10 seconds, preferably 3 to 7 seconds.

7. (currently amended) Method according to claim 3 ~~any of claims 3 to 6~~, wherein the sound is generated periodically, such as at

intervals of 0.2 to 2 minutes, preferably at intervals 0.3 to 0.7 minutes.

8. (previously presented) Method for removing crystallized solid catalyst carrier from the walls of a chamber, characterized in that the inside of the chamber is subjected to a sound, the intensity of which is at least 100 dB, generated by an acoustic generator (9) for loosening the carrier from the chamber.

9. (previously presented) Method according to claim 8, wherein the carrier is removed continuously from the chamber.

10. (previously presented) Use of an acoustic generator (9) generating a sound with the intensity of at least 100 dB for loosening crystallized solid catalyst carrier from the walls of a chamber.

11. (new) Method according to claim 4, wherein the frequency of the sound is over 5 Hz and below 20000 Hz, suitably below 10000 Hz, preferably 20 to 5000 Hz, more preferably 100 to 1000 Hz, and most preferably 400 to 600 Hz.